

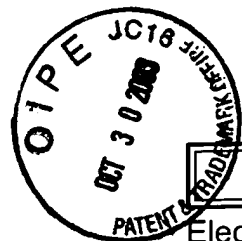
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 50016  
Application ID: 10621277  
Title of Invention: SINGLE CRYSTAL TUNGSTEN  
PENETRATOR AND METHOD OF  
MAKING  
First Named Inventor: LESTER BEGG  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-07-16  
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Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 3031  
Attorney Docket Number: NONE



Total Fees Authorized:


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Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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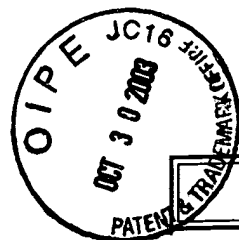


# TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	SINGLE CRYSTAL TUNGSTEN PENETRATOR AND METHOD OF MAKING									
Application Number: 10/621277 										
Date: 2003-07-16										
First Named Applicant: LESTER L BEGG										
Confirmation Number: 3031										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>JAMES J SCHUMANN Registered Number: 20856</td><td>JJS/s</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	JAMES J SCHUMANN Registered Number: 20856	JJS/s	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
JAMES J SCHUMANN Registered Number: 20856	JJS/s	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>EIDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	EIDS-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	EIDS-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

SINGLE CRYSTAL TUNGSTEN PENETRATOR AND  
METHOD OF MAKING

Application Number: 10/621277



Confirmation Number: 3031

First Named Applicant: LESTER BEGG

Attorney Docket Number:

Search string: ( 5440995 or 4867061 or 4841868 or 4138512  
or 5169685 or 6464778 or 5733369 or  
5853478 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5440995	1995-08-15	LEVITT		102	517
	2	4867061	1989-09-19	STADLER ET AL.		102	307
	3	4841868	1989-06-27	JACKSON		102	517
	4	4138512	1979-02-06	GLASKI		427	237
	5	5169685	1992-12-08	WOODRUFF ET AL.		427	250
	6	6464778	2002-10-15	CHIU	B2	117	89
	7	5733369	1998-03-31	YONEHARA ET AL.		117	89
	8	5853478	1998-12-29	YONEHARA ET AL.		117	89

Signature

Examiner Name	Date